

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door which is pivotably hinged in a bottom part or top part of a casing for housing the heating chamber and with which the opening is opened and closed; and

a heating medium generating unit means for generating a heating medium, the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

a blowing unit means that blows air so that the air passes the opening sideways and parallel to a rotation axis of the door when the door starts to be opened, and

the blowing unit blowing the air only across a part of the opening above a center thereof.

2. (Currently amended) The heat-cooking apparatus of claim 1, wherein

the heating medium generating unit means is a steam generating unit means that generates steam as the heating medium.

3. (Currently amended) The heat-cooking apparatus of claim 1, wherein

the opening is provided in a front face of the heating chamber,

the door is pivotably hinged in a bottom part or top part of a casing for housing the heating chamber so that the door opens vertically with respect to the opening.

4. (Currently amended) The heat-cooking apparatus of claim 1, wherein

the blowing unit means blows the air to the opening so that the air passes an upper part of the opening sideways.

5. (Currently amended) The heat-cooking apparatus of claim 4, wherein

the blowing unit means blows the air to the opening so that the air passes a part of the opening above half a vertical dimension thereof sideways.

6. (Currently amended) The heat-cooking apparatus of claim 1, wherein

the blowing unit means has a cooling fan for cooling a power supply circuit board provided inside the apparatus, and

the blowing unit means blows, air sucked in from outside the apparatus by the cooling fan so that air passes the opening sideways.

7. (Currently amended) The heat-cooking apparatus of claim 6, wherein

the blowing unit means includes a deflecting unit means that deflects the air sucked in by the cooling fan to blow the air so that air passes the opening sideways.

8. (Currently amended) The heat-cooking apparatus of claim 7, wherein

the door has a multiple-glazed portion having a plurality of transparent glass plates arranged to face one another at a predetermined gap from one another so that, when the door is closed, part of the multiple-glazed portion faces at least the opening, and

the deflecting unit means directs the air sucked in by the cooling fan toward a side of the multiple-glazed portion when the door is closed.

9. (Currently amended) The heat-cooking apparatus of claim 8, wherein

the door has a support base plate that has an area larger than an area of the multiple-glazed portion and so large as to cover an entire opening-side face of the heating chamber in the casing and that supports the multiple-glazed portion from a face thereof facing away from the opening when the door is closed,

the support base plate includes an operation portion for setting operation conditions of the apparatus, and

the deflecting unit means is built with a decoration box that is provided between the operation portion and the casing, at a side of the multiple-glazed portion when the door is closed.

10. (Currently amended) The heat-cooking apparatus of claim 8, wherein

the door has a support base plate that has an area larger than an area of the multiple-glazed portion and so large as to cover an entire opening-side face of the heating chamber in the casing and that supports the multiple-glazed portion from a face thereof facing away from the opening when the door is closed,

the support base plate includes an operation portion for setting operation conditions of the apparatus, and

the deflecting unit means is built with a protruding portion that protrudes from the casing along surfaces of the multiple-glazed portion and of the support base plate when the door is closed.

11. (Currently amended) The heat-cooking apparatus of claim 1, wherein

the blowing unit means blows the air so that the air passes the opening sideways for a predetermined length of time after the door ~~starts to be~~ opened after completion of heat-cooking inside the heating chamber.

12. (Currently amended) The heat-cooking apparatus of claim 1, wherein

while the heating medium is being supplied to the heating chamber by the heating medium generating unit means, the blowing unit means blows the air into an interior of the door in a closed state.

13. (Currently amended) The heat-cooking apparatus of claim 1, wherein

the blowing unit means blows the air so that the air passes the opening sideways in front thereof.

14. (Currently amended) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door which is pivotably hinged in a bottom part or top part of a casing for housing the heating chamber and with which the opening is opened and closed; and

a heating medium generating unit means-for generating a heating medium, the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

a blowing unit means-that blows air so that the air passes the opening sideways and parallel to a rotation axis of the door when the door is opened; and

——a slit that is provided at a side of the opening and through which the air blown by the blowing unit means-is blown out, ~~and~~

when the door ~~starts to be~~is opened, an air curtain is formed in front of the opening by the air blown out through the slit, and

the blowing unit blowing the air only across a part of the opening above a center thereof.

15. (Previously presented) The heat-cooking apparatus of claim 14, wherein

the slit is provided in an upper portion of the side of the opening.

16. (Currently amended) The heat-cooking apparatus of claim 1, further comprising:

an exhausting unit means-that, with opening operation of the door, exhausts the heating medium inside the heating chamber to outside the heat-cooking apparatus.

17. (Currently amended) The heat-cooking apparatus of claim 14, further comprising:

an exhausting unit means that, with opening operation of the door, exhausts the heating medium inside the heating chamber to outside the heat-cooking apparatus.

18. (Currently amended) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door which is pivotably hinged in a bottom part or top part of a casing for housing the heating chamber and with which the opening is opened and closed;

a heating medium generating unit means for generating a heating medium, and

an exhausting unit means that exhausts the heating medium inside the heating chamber,

the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

a blowing unit means that blows air to the opening, and

——— with opening operation of the door, the blowing unit means blows out the air to the opening so that the air passes the opening sideways and parallel to a rotation axis of the door substantially across the opening,

the blowing unit blowing the air only across a part of the opening above a center thereof, and

the exhausting unit ~~means~~ exhausts the heating medium inside the heating chamber.

19. (Currently amended) The heat-cooking apparatus of claim 18, wherein

the exhausting unit ~~means~~ is provided on a side wall of the heating chamber.

20. (Currently amended) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door which is pivotably hinged in a bottom part or top part of a casing for housing the heating chamber and with which the opening is opened and closed; and

a heating medium generating unit ~~means~~ for generating a heating medium,

the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

a blowing unit ~~means~~ that blows air so that the air passes the opening sideways and parallel to a rotation axis of the door when the door is opened; and

——— a slit that is provided at a side of the opening and through which the air blown by the blowing unit ~~means~~ is blown out, and

both before and after the door is opened, the air is blown out through said same slit to in front of the opening so that the air passes only across a part of the opening above a center thereof ~~substantially across the opening~~.

21. (Currently amended) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door which is pivotably hinged in a bottom part or top part of a casing for housing the heating chamber and with which the opening is opened and closed; and

a heating medium generating unit means for generating a heating medium, the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

a blowing unit means that blows air so that the air passes the opening sideways and parallel to a rotation axis of the door when the door is opened; and

——a slit that is provided at a side of the opening and through which the air blown by the blowing unit means is blown out, and

before and after the door is opened, the air is blown out through said same slit so that, when the door is closed, the air is blown out into an interior of the door and, when the door is open, the air is blown out so that the air passes only across a part of the opening above a center thereof~~the opening sideways.~~

22. (Currently amended) A heat-cooking apparatus comprising:

a heating chamber having an opening through which an article-to-be-heated is put into and taken out of the heating chamber;

a door which is pivotably hinged in a bottom part or top part of a casing for housing the heating chamber and with which the opening is opened and closed; and
a heating medium generating unit ~~means for~~ generating a heating medium,
the heat-cooking apparatus heating and thereby cooking the article-to-be-heated placed inside the heating chamber by means of the heating medium,

wherein

the heat-cooking apparatus further comprises:

a blowing unit ~~means~~ that blows out air so that the air passes the opening sideways and parallel to a rotation axis of the door before and after the door is opened,
and

the blowing unit blowing the air only across a part of the opening above a center thereof.

23. (Currently amended) The heat-cooking apparatus of claim 22, wherein

the blowing unit ~~means~~ blows out the air so that the air passes the opening sideways in front thereof before and after the door is opened.